

LAPD Run II safety documentation
TY, 7 November 2012

The safety documentation for LAPD Run II is at
<http://lartpc-docdb.fnal.gov/cgi-bin/ShowDocument?docid=860>

The documents are described as follows.

LAPD uses the same MSU Cold DAQ system for the Bo cryostat in PAB, which has previously been through a safety review and received a permit for unattended operation. The safety documentation for the MSU Cold DAQ system with additional information is

http://lartpc-docdb.fnal.gov/0008/000860/002/DAQ_edmunds_v1.pdf

LAPD uses 18 FNAL scintillator counters and 12 MSU counters to trigger cosmic ray muons. The safety documentation for the FNAL counters and PS is

http://lartpc-docdb.fnal.gov/0008/000860/002/countersafety_stancari_v3.pdf

The safety documentation for the MSU counters, control unit and PS is

Introduction:

http://lartpc-docdb.fnal.gov/0008/000860/002/CCU_information_bromberg.pdf

Details:

http://lartpc-docdb.fnal.gov/0008/000860/002/TSU_PAD_CCU_bromberg.pdf

Schematics:

http://lartpc-docdb.fnal.gov/0008/000860/002/CCU_PAD_schematics_bromberg.pdf

The safety documentation for the PS for the HV feedthrough is

<http://lartpc-docdb.fnal.gov/0008/000860/002/hvPC4.pdf>

A similar system at D0 has been through a safety review and recently approved.

The purity monitor system is the same as in Run I, which has been through a safety review and approved. The safety documentation for the purity monitor system is

<http://lartpc-docdb.fnal.gov/cgi-bin/ShowDocument?docid=655>